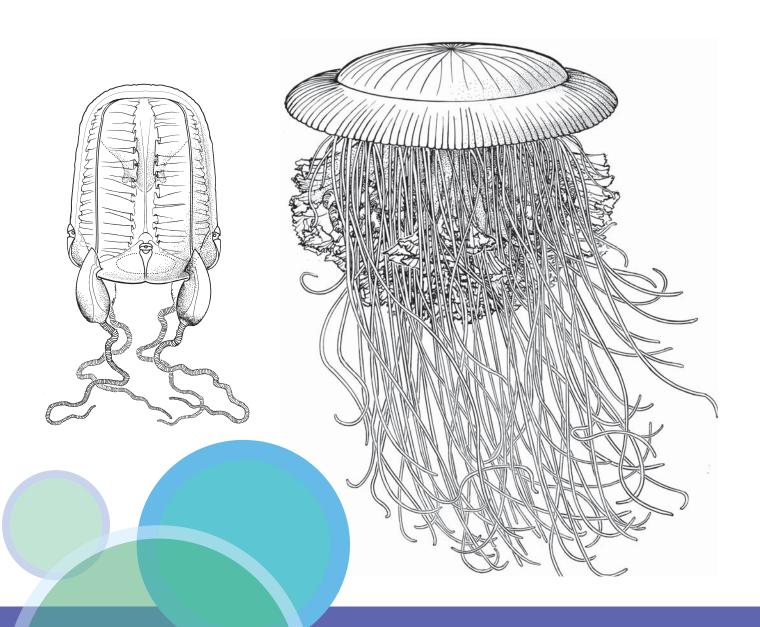
Prepared by the Southeastern Regional Taxonomic Center,

South Carolina Department of Natural Resources



An illustrated key to the Scyphozoa and Cubozoa of the South Atlantic Bight

Dale R. Calder

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With illustrations by Patrice Stephens-Bourgeault

An Illustrated key to Cubozoan and Scyphozoan jellyfishes of the South Atlantic Bight

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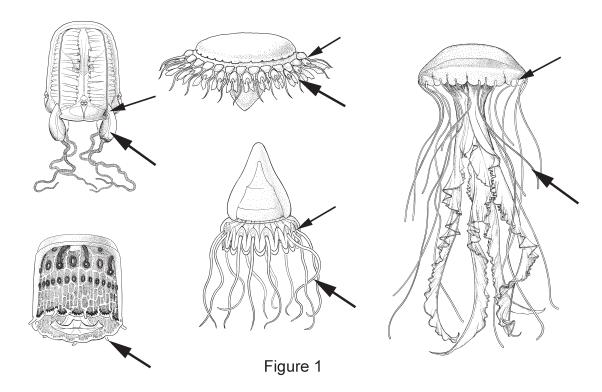
Department of Ecology and Evolutionary Biology, University of Toronto, Toronto, Ontario, Canada, M5S 1A1

Introduction

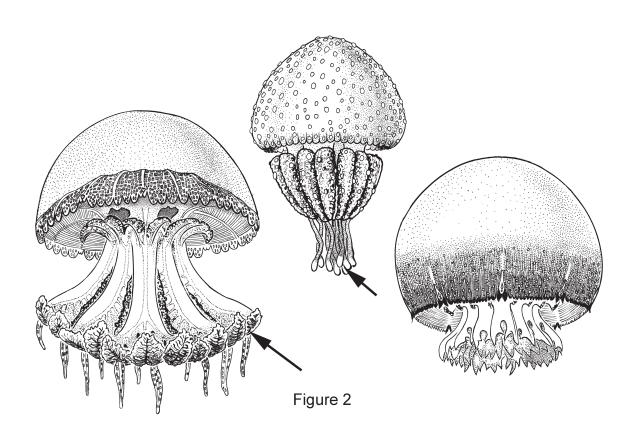
A illustrated key is presented for the identification of three species of cubomedusae (*Alatina alata*, *Tamoya haplonema*, *Chiropsalmus quadrumanus*) and 13 species and subspecies of scyphomedusae (*Atolla wyvillei*, *Linuche unguiculata*, *Nausithoe punctata*, *Periphylla periphylla*, *Chrysaora quinquecirrha*, *Pelagia noctiluca*, *Cyanea capillata fulva*, *C. capillata versicolor*, *Drymonema dalmatina*, *Aurelia marginalis*, *Phyllorhiza punctata*, *Rhopilema verrilli*, *Stomolophus meleagris*) reported from the South Atlantic Bight of the United States (Cape Hatteras, North Carolina to Cape Canaveral, Florida).



1. Tentacles present on umbrella (on margin or underside)......4



— Tentacles lacking on umbrella.....2



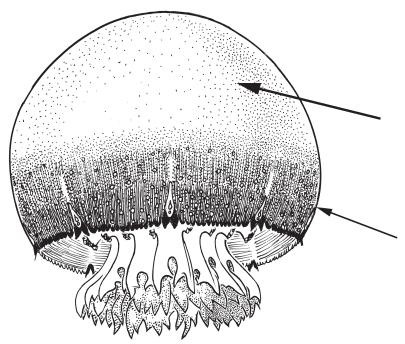


Figure 3: Stomolophus meleagris

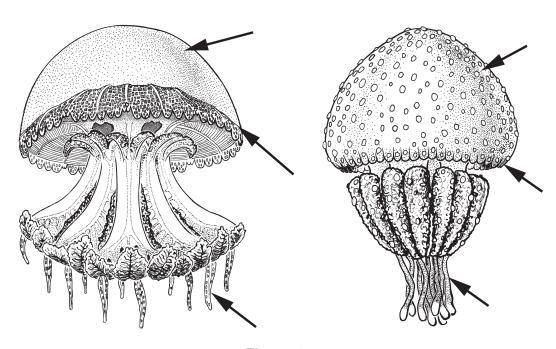


Figure 4

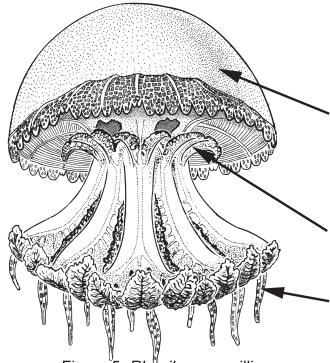


Figure 5: Rhopilema verrilli

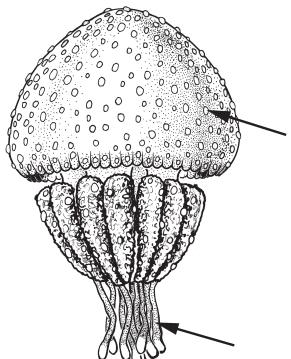


Figure 6: Phyllorhiza punctata



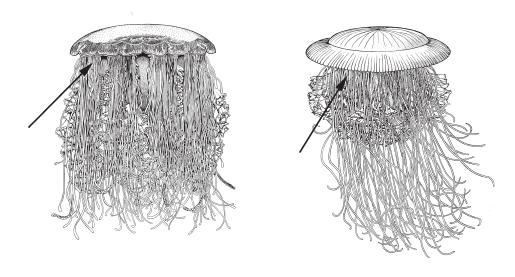
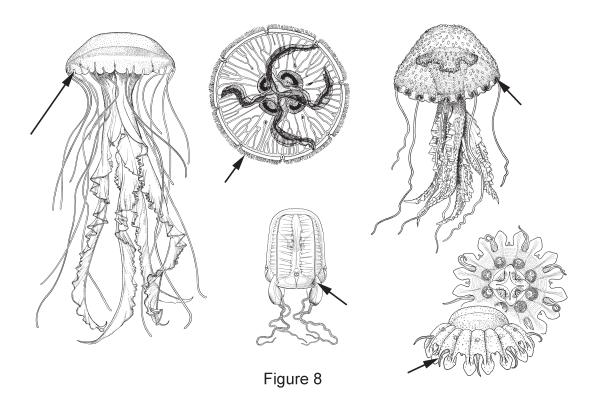


Figure 7

—Tentacles on margin of umbrella......7



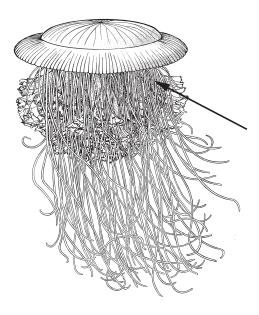


Figure 9: Drymonema dalmatinum

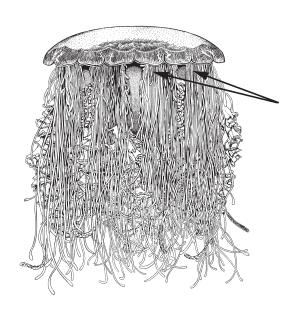


Figure 10



Figure 11: Cyanea capillata fulva

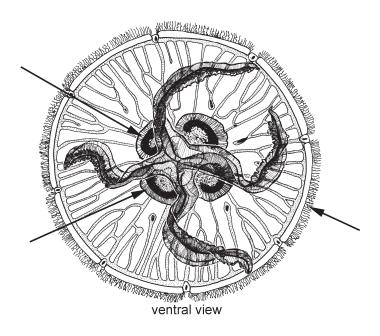
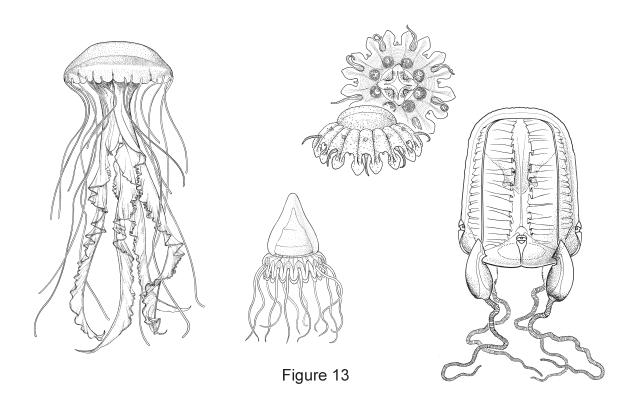


Figure 12: Aurelia marginalis

— Umbrella, tentacles, and gonads not as above......8



8. Umbrella cuboidal; tentacles arising from each of four interradial corners......14

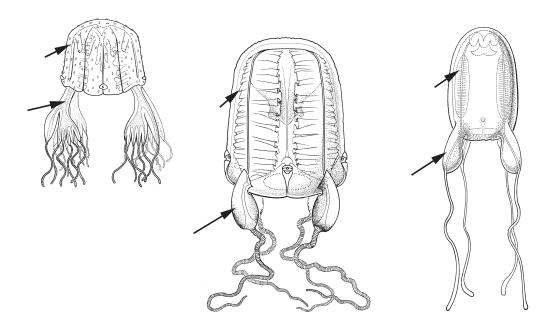
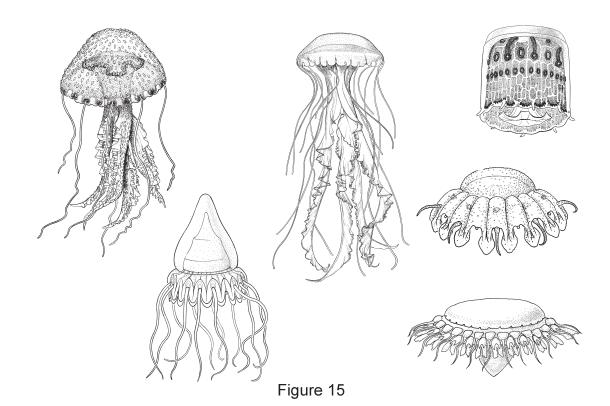


Figure 14

— Umbrella not cuboidal; tentacles not restricted to four interradial corners......9





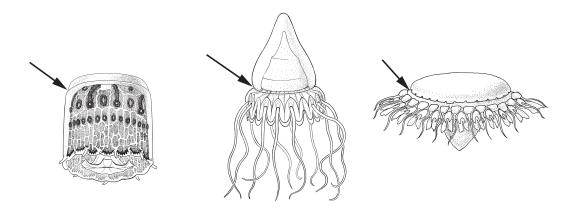


Figure 16

— Umbrella without distinct circular groove on upper surface......10

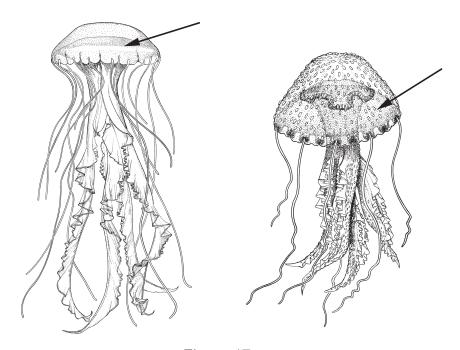


Figure 17

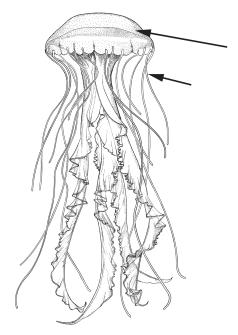


Figure 18: Chrysaora quinquecirrha

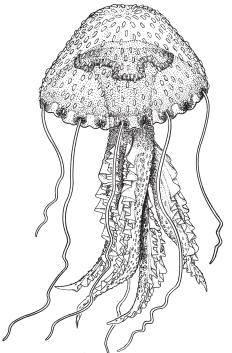


Figure 19: Pelagia noctiluca



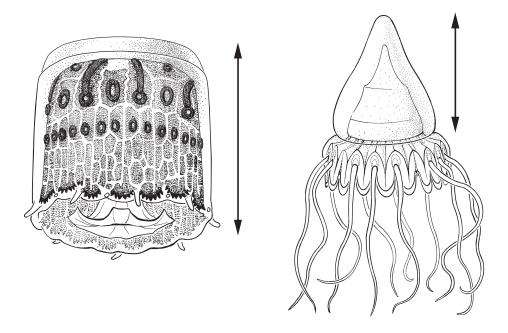


Figure 20

— Umbrella decidedly flattened......13

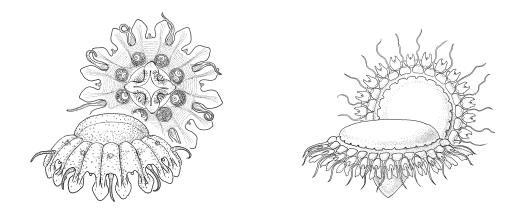


Figure 21

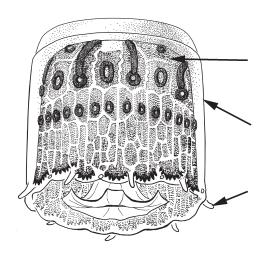


Figure 22: Linuche unguiculata

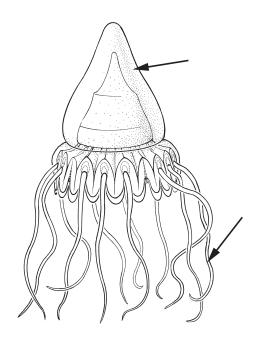


Figure 23: Periphylla periphylla

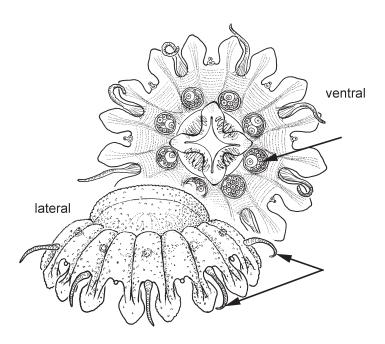


Figure 24: Nausithoe punctata

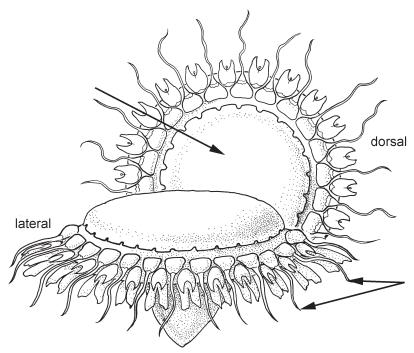
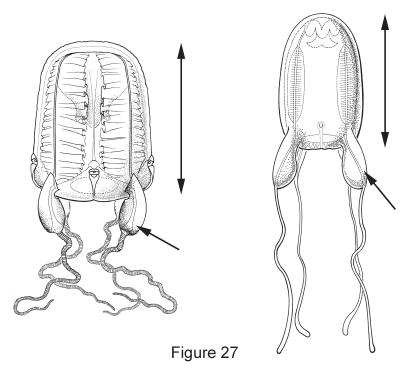


Figure 25: Atolla wyvillei



Figure 26: Chiropsalmus quadrumanus

— Umbrella distinctly higher than wide; tentacles one on each of four paddle-shaped pedalia......15



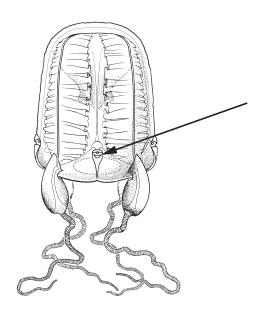


Figure 28: Tamoya haplonema

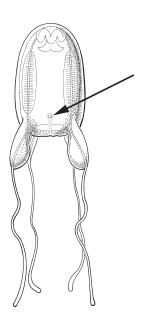


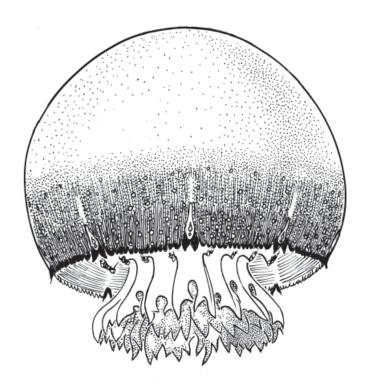
Figure 29: Alatina alata

Acknowledgements

This key is only part of a more extensive study that will be published shortly through the Royal Ontario Museum. I am grateful to the staff members of the Southeastern Regional Taxonomic Center, Marine Resources Research Institute (MRRI), South Carolina Department of Natural Resources, Charleston, SC, for their encouragement and help in undertaking this study.

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